

NOV 10 2004

**C O V E R**

**S H E E T**

**FAX**

**Date:** November 10, 2004

**Our Ref:** 18-595-1-1

**Name:**

**Your Ref:** U.S.  
application 10/700,933

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From the office of...

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P.2/11

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PTO/SB/21 (09-04)

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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 9

Application Number 10700.933

Filing Date November 4, 2003

First Named Inventor Dale A. Davison

Art Unit 1743

Examiner Name Jan M. Ludlow

Attorney Docket Number 18-595-1-1

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Vincent L. Carney, Attorney for Applicant		
Signature	<i>Vincent L. Carney</i>		
Printed name	Vincent L. Carney		
Date	November 10, 2004	Reg. No.	20,688

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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Typed or printed name	Vincent L. Carney	Date	November 10, 2004

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PTO/SB/17 (10-04v2)

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# FEE TRANSMITTAL

## for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 18.00)

## Complete if Known

Application Number	10/770,933
Filing Date	November 4, 2003
First Named Inventor	Dale A. Davison
Examiner Name	Jan M. Ludlow
Art Unit	1743
Attorney Docket No.	18-595-1-1

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

 Deposit Account

Deposit Account Number  
03-0778

Vincent L. Carney

The Director is authorized to (check all that apply)

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## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395			Utility filing fee	
1002 350	2002 175			Design filing fee	
1003 550	2003 275			Plant filing fee	
1004 790	2004 395			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	

SUBTOTAL (1) (\$ 18.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
21	18	0	21 - 20** = 1	1 x 18 = 18	18
6	6	0	6 - 6 = 0	0 x 0 = 0	0
				0	0

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 18.00)

\*\*or number previously paid, if greater. For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	2051 65		Surcharge - late filing fee or oath	
1052 50	2052 25	2052 25		Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	1053 130		Non-English specification	
1812 2,520	1812 2,520	1812 2,520		For filing a request for ex parte reexamination	
1804 920*	1804 920*	1804 920*		Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	1805 1,840*		Requesting publication of SIR after Examiner action	
1251 110	2251 55	2251 55		Extension for reply within first month	
1252 430	2252 215	2252 215		Extension for reply within second month	
1253 980	2253 490	2253 490		Extension for reply within third month	
1254 1,530	2254 765	2254 765		Extension for reply within fourth month	
1255 2,080	2255 1,040	2255 1,040		Extension for reply within fifth month	
1401 340	2401 170	2401 170		Notice of Appeal	
1402 340	2402 170	2402 170		Filing a brief in support of an appeal	
1403 300	2403 150	2403 150		Request for oral hearing	
1451 1,510	1451 1,510	1451 1,510		Petition to Institute a public use proceeding	
1452 110	2452 55	2452 55		Petition to revive - unavoidable	
1453 1,370	2453 685	2453 685		Petition to revive - unintentional	
1501 1,370	2501 685	2501 685		Utility issue fee (or reissue)	
1502 430	2502 245	2502 245		Design issue fee	
1503 660	2503 330	2503 330		Plant issue fee	
1460 130	1460 130	1460 130		Petitions to the Commissioner	
1807 50	1807 50	1807 50		Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	1808 180		Submission of Information Disclosure Stmt	
8021 40	8021 40	8021 40		Regarding each patent assignment per property (times number of properties)	
1809 790	2809 395	2809 395		Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	2810 395		For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 385	2801 385		Request for Continued Examination (RCE)	
1802 900	1802 900	1802 900		Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

(Complete if applicable)

SUBMITTED BY	Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone
	Vincent L. Carney	20,688	(402) 465-8808

Signature *Vincent L. Carney*

Date 11/10/2004

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PAGE 3/11 \* RCVD AT 11/10/2004 3:43:16 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-1/2 \* DNIS:8729306 \* CSID:14024890378 \* DURATION (mm:ss) 02:40

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dale A. Davison and  
Phillip B. Liescheski) Patent Application  
)  
)  
) Examiner: Ludlow, Jan M.  
)  
) Group Art Unit: 1743  
)  
) Date: November 10, 2004  
)

Serial No: 10/700,933

Filed : November 4, 2003

For : GRADIENT DENSITY  
AND APPARATUSPRELIMINARY AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination, please amend this application as follows: